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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/706,032	11/13/2003	Geoffrey S. Mendelson	1263-US	6197
24505	7590	12/14/2005	EXAMINER	
DANIEL J SWIRSKY 55 REUVEN ST. BEIT SHEMESH, 99544 ISRAEL			MOSSER, ROBERT E	
			ART UNIT	PAPER NUMBER
			3713	

DATE MAILED: 12/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/706,032

Applicant(s)

MENDELSON ET AL.

Examiner

Robert Mosser

Art Unit

3713

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>11-13-03</u> . | 6) <input type="checkbox"/> Other: ____.  |

**DETAILED ACTION**



**This action is Non-final.**

**Claims 1-21 are pending.**

**The IDS submitted November 13<sup>th</sup>, 2003.**



***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims **1-21** are rejected under 35 U.S.C. 102(e) as being anticipated by Link  
(US 6,672,963).

**[Claims 1, 8, 14]** Link teaches a software emulator for emulating a handheld video game platform on a variety of secondary platforms including a personal digital assistant (Abstract & Figure 1D).

**[Claim 2]** Link teaches a system including: computer having hardware (Figure 1), an operating system, and input/output devices (Elements 554-64);  
a game storage unit for storing the game software (Elements 52, 66); and

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a compatibility layer to interface between said computer and the input/output interface of the games (Element 100).

**[Claims 3, 9]** Link teaches a compatibility layer including an input mapper (Elements 104, 54) and an operating system emulator (Col 6:38-60).

**[Claims 4-7, 10-13, 15-18]** Link teaches an input mapper comprising a converter to convert between input keys and the expected inputs of a current game wherein the conversion further incorporates a unit or equivalently register per input device emulated, a request unit for interrogating the register based the current game requests (Col 6:61-7:2 & Col 9:30-35). Finally as the gaming device of Link emulates a specific model gaming device such as GAME BOY®, GAME BOY COLOR®, and/or GAME BOY ADVANCED® the input mapper selects the input device and input device type to emulate based on the output of a request unit or equivalently the loading of compatibility information (Figure 18 & Col 12:36-57). Claim language directed to the conversion of at least one unit per input device is correlated to Links description of a keypad emulation (Col 19:31-59 & Col 6:61-7:2) including the described remapping of inputs and hence any unit associated with said inputs (i.e. button activation) contained therein.

**[Claims 19-21]** In addition to the above Link teaches the downloading (receiving) of a game designed for a different machine (Col 6:23-37), in addition to determining the current expected game interfaces, correlating/convert the expected game interfaces with the present hardware interfaces, and executing the game (Col 6:8-7:2).


**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert Mosser whose telephone number is (571)-272-4451. The examiner can normally be reached on 8:30-4:30 Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Xuan M. Thai can be reached on (571)272-7147. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

REM

  
**XUAN M. THAI**  
**SUPERVISORY PATENT EXAMINER**  
TC3700